Previous references.

San 80-05
Jul 578-04
San 38-06
San 234-05
Later references.

1909. (Sanitary)

File No. 153-07

Serial Nos. 1 — 6 & 22

679-07
Sanit. 61-09(1-2)
164-09 (1-11)
127-10 (1-4 & 6)

GENERAL AND REVENUE SECRETARIAT.

P-76
E

Serial Nos. 1 — 6 & 25

Part B. for April 1909

SUBJECT.

Scheme for educating Sanitary Inspectors, Shekdars and others in Sanitary matters locally

1. From the Sanitary Commissioner No: 1757 D/18.12.07 Submits a Scheme for the training of Sanitary Inspectors & Mistries locally similar to the training given in the King Institute at Madras.
2. From the same office No: 1929 D/30.12.07 stating that in accordance with G.O. No: R 2309-21 D/20.8.09 the Number of Shekdars in the State is 374 LR 150-06-1 requests that Number mentioned in his letter No: 1757 D/18.12.08 may be corrected from 467 to 374.
3. From the Sanitary Commissioner No: 547/D.O D/6.3.08 70 G. R. S. 58 Forms for a Notice to be published in the

Previous references.

San 80-05
Jul 5768-04
San 38-06
San 234-05

Later references.

179-07
Sanr. 61-09(1-2)
164-09(1-11)
127-10(1-46)

1908.

File No. 153-07

Serial Nos. 1—76

GENERAL AND REVENUE SECRETARIAT.

P:76
E

Serial Nos. 1—60 & 25

Part B. for April 1909

SUBJECT.

Scheme for educating Sanitary Inspectors Sheikdars and others in Sanitary matters locally

1. From the Sanitary Commissioner No: 1751 D/18.12-0 Encloses a Scheme for the training of Sanitary Inspectors & Sheikdars & Mens locally similar to the training given at the King Institute at Madras.
2. From the same office No: 1929 D/30.12-07 Stated that in accordance with G.O. Nos: R 2309-21. D/20.8-07 LR 150-06-1 requested that the Number of Sheikdars in the State viz: 374 Number mentioned in his letter No: 1751 D/18.12-08 may be increased from 467 to 374.

G. R. S. 58

From the Sanitary Commissioner No: 587/D-0 D/6.3-08 for approval A Notice to be published in certain newspapers

From the Sanitary Commissioner Dw: 38-52 dt 2.4.08

Forwards for sanction a bill for Rs 62/4 from the Manager The Hindu, Madras on account of publishing the Notice relating to the Sanitary School & requests that the Comptroller may be authorized to admit similar charges that may be claimed by the Daily Post, Mysore Standard, Mysore Herald, Madras Mail & Madras Standard.

5. From the Sany Commr Dw: 3898 dt 7.4.08

States that in pursuance of the advertisements published in four Several Newspapers 443 applications for admission into the Vaccinators class and 198 for the Sanitary Inspectors class have been received in his office & Solicits immediate sanction to the formation of a School & to the Construction of a separate building therefor.

6. To the Sanitary Commissioner & the Comptroller Dw: 10692-5

Sanctions the bill for Rs 62/4 referred to in Sr: 4 23/4/08

7. Do to the Sanitary Commissioner Dw: 9576

7/4/08

Requests him to submit Journal proposals in detail for the consideration & orders of Govt.

C 51
6 8-08

G.R.S. 11] 1907-08

GENERAL AND REVENUE SECRETARIAT.

(Sanitary)

NOTES.

File No. 153

FILE HEADING.

Scheme for educating Sanitary Inspectors, Shekdars & others in Sanitary matters locally.

From

The Sanitary Commissioner in Mysore.

No. 1751 Dated 18.12.07 Received 21.12.07.

Diary No. 4332	Enclos. 3	Spare Copies.	Serial No. 1

BRIEF ABSTRACT OF LETTER.

Submits a scheme for the training of Sanitary Inspectors & others locally similar to the training given in the King Institute at Madras.

NOTES AND ORDERS.

In submitting the above scheme, the Sanitary Commr. proposes to give the necessary training in Sanitation, in minor Engineering & also in Vaccination, locally to the following persons:—.

(a) persons who wish to qualify themselves for the post of

Notes—First sheet.

GPB—30,000—20-3-06.

G. R. S. 12]
General and Revenue Secretariat.

File No. 153 of 1907-08

Serial No.

Sanitary & Asst Sanitary Inspectors in the State.
In this connection he states that to meet the require-
ments of the State, no less than 230 men are required
for employment as Sany & Asst Sany Inspectors, that
35 men have now been entertained & 21 qualified
men have since applied for employment in the
Health Deptt and that 174 men have yet to be train-
ed for service in the Deptt.

Note. The difficulty however is about funds.
DS

(b) The shekdars of the State, whose no. is as revised ✕ 374.

Sany Comr's letter No. 1929 dy 30.12.07 forwd up

(c) the masters of elementary schools & other schools whose number is stated to be over 2000

(d) numerous private candidates who may seek such education here - -

(e) Dy Inspectors of Vaccination. 9

(f) Vaccinators 33.

Leaving school masters for the present, & other private candidates, the Sany Comrs wishes to give training locally to (174 + 374 + 9 + 33) or 590. The course is for 11 months and the subjects to be taught are as noted below:-

A. Two sessions of 6 months each from January to June and from July to December.

Hygiene (theoritical & practical)	6 months.	
Physiology	3 "	}
Bacteriology	3 "	}

Note.—Contn sheet.

GPB—50,000—17-3-07

G◀R. S. 12]
General and Revenue Secretariat.

Sanitary File No. 153 of 1907-08

Serial No.

B. Two sessions of 5 months each:- January to May and July to November.

Minor Sanitary Engineering 5 months.
Vaccination 3 "
Riding, photography & magic lantern - 2 "

Physical training & drill an hour daily for 10 months and Ambulance for the remaining one month.

The fees recoverable from the undermentioned students are as follows:-

(a) 174 students for employment as Sanitary Inspectors Rs 15,660/-
(b) 9 Dy Inspectors of Vaccination Rs 810/-
(c) 3¼ Shekdars Rs 2318/-
(d) 33. Vaccinators Rs 990/-
Rs. 40,648/-

Horses ?

* Revised figures vide Sanitary Comr's No. 1929 dd 30.12.07.

The cost per each student of classes (a) & (b) above will be:-

Rs 30/- for sanitation
Rs 20/- for minor Engineering
Rs 5/- for exam^n in sanitation.
Rs 4/- do - in minor Engineering
Rs 25/- for Vaccination.
Rs 3/- fee for exam^n in Vaccination

Rs 3/- / Rs 90/- for receiving training in riding as well as for undergoing a Course in practical photography & the

NOTE—Contn sheet.

GPB—50,000—17-3-07

G. R. S. 12]
General and Revenue Secretariat.

For File No. 153 of 1907-08

Serial No.

the use of magic lantern.

The cost of training for each Shekdar is.

Rs 30/- for Sanitation
Rs 20/- for Minor Engineering
Rs 5/- for examn. in Sanitation
Rs 4/- for " in Minor Engineering
Rs 3/- for receiving training in riding photography &c - -
Rs 62/

The cost per Vaccinator will be Rs 30/- (Rs 31 appear to be more accurate) Rs 25/- for vaccination.
Rs 3/- for examn. in vaccn.
Rs 3/- for riding &c
Rs 31/-

The Sanitary Commr. proposes to utilize, with certain alterations for the present, a portion of the building "Grace Villa" for the new Institute & to divide the total no. of students (590) into 10 batches of about 60 students.

The proposal to pay the teaching staff, comprising of the local officers is as follows: -

For the professor of Hygiene @ Rs 100/- a month for 2 Sessions of 6 months each } Rs 1200/-

Do - - - of Physiology @ Rs 100/- a month for 2 Sessions of 3 months each } Rs 600/-

Do - - of Bacteriology @ Rs 100/- a month for 2 Sessions of 3 months each } Rs 600/-

NOTE.—Contn sheet.

GPB—50,000—17-3-07

G. R. S. 12]
General and Revenue Secretariat.

Govt File No. 153 of 1907-08

Serial No.

For 3 assistants for the above 3 subjects for the period - - - - - - Rs 600/-

This appears to be rather unintelligible, for at the top of page 7 of the letter under submission, the Sanitary Commr. writes, "an Asstt to each of these 3 teachers (for Hygiene, Physiology, & Bacteriology) will be required", and his honorarium in all being Rs 300/- ~~for 6 months~~. If so, the honorarium for the Asstt to the Professor of Hygiene, ~~for 6 months (@)~~ Physiology & Bacteriology ~~for only one session~~ is Rs 900/-.

While that for the Asstt to the Professor of Bacteriology according to the Sanitary Commr. is Rs 300/- for 6 months & that for the Asstt to the Professor of Physiology should also be Rs 300/- for 6 months. Thus the total cost of the honorarium for these 3 Asstts for 6 months will be Rs 900/- adding the honorarium of the Asstt to the Professor of Hygiene for the 2nd Session of 6 months, the amount comes to Rs 1200/-.

For Professor of Minor Sanitary Engineering for 2 Sessions of 5 months each } Rs 1000/-

For the Asstt to the Professor of Minor Engineering for 2 Sessions of 5 months each @ Rs 25/- a month Rs 250/-

For the Professor of Vaccination for 2 Courses of 3 months each. Rs 600/-

For the Instructor in Photography Magic-Lantern for 2 Sessions of 1 month each - - } Rs 60/-

NOTE—Contn sheet.

GPB—50,000—17-3-07

Serial No.

for 2 riding masters for 2 months in each session. Rs 60/-

for an instructor in 1st aid & Ambulance for 2 sessions of 1 month each } Rs 60/-

Pay of Gymnastic Instructor @ Rs 20/- a month. Rs 240/-

do - 1 Drill master @ Rs 20/- a month Rs 240/-

do of 1 clerk @ Rs 20/- Rs 240/-

do 1 attendant @ Rs 8/- Rs 96/-

do - - 1 ~~Clerk~~ do - @ Rs 7/- Rs 84/-

do - - 1 peon - @ Rs 7/- Rs 84/-

Contingencies Rs 50/- a month Rs 600/-

Honorarium for 2 examiners for 2 sessions @ Rs 500/- a session - } Rs 1000/-

The total expenditure according to the Sanitary Commr's statement for 1 year of two sessions will be Rs 7714/- or Rs ~~46286~~/ 38570/- for the whole period of 5 years.

To this must be added the cost of furniture which the Sanitary Commr estimates at Rs 3000/- roughly & states that as he cannot suggest a source to meet this expenditure, Govt should be able to find the amount from some source or other.

As regards the laboratory fittings apparatus, materials & articles that would be required for demonstrations in the classes, the Sanitary Commr. wants some

NOTE—Contn sheet.

GPB—50,000—17-3-07

Serial No.

more amount & he lays his hands on a sum of Rs 3000/. provided in the Medical Budget for scholarships to students going to Madras for being trained as Sany Inspectors.

If the shekdars have, as suggested by the Sanitary Commissioner, to receive training like Sany Inspr, there appears to be no need for the Sany Inspr at all. The large no. of shekdars available in the State may, when trained, be able to attend to the Sanitary requirements of the villages, towns &c quite as well as the Sany Inspr no without additional cost to the State.

Subdiv Section 20.12 (2)

In a refee regarding the qualified Sany Inspectors of Mulbagal & Coimbatore, the D/Commr Kolar observes, that these qualified men have been of no use whatever & that he would gladly spare their services if they are required elsewhere.

As regards local officers who may be deputed for teaching in this connection, if they can spare time, without prejudice to their official duties, for imparting necessary instructions to the Sany students, it is not understood why these should be given such high monthly honorariums at all, while the Rev officers, on whom various duties devolve, do attend to other miscellaneous duties that may be assigned to them according to circumstances without any special remuneration for extra work that may be thrust upon them. ~~On the other hand~~ But if the

NOTE– Contd sheet.

G. R. S. 12]
General and Revenue Secretariat.

Govt File No. 153 of 1907-08

Serial No.

officers refd to cannot attend to the teaching work without prejudice to their official duties, it does not seems expedient to thrust this work on them. It therefore becomes necessary to appoint professors separately for this new Institution, should the opening of such an Institution in the State be deemed essential or some medical men maybe told off for the teaching work in the same way that certain officers of the Police Dept^t are employed for the Police Training school at Bangalore. The expenditure incurred by the State for ~~training~~ the training of Sanry Inspectors at Madras is given below.

1st batch of 18 Students.

Cost of instruments purchased. (vide order No. 3778-9/San 80-05 dt 11th Oct 05).	Rs 115-12-0
flag X. Scholarships @ Rs 10/- each (Order No. 4088-90/San 80-05 dt 23rd Oct 05).	Rs 1800-0-0
flag Y1 Examination fees @ Rs 8/- each (order No. 7614-5/San 80-05 dt 20th Jany 06.)	Rs 144-0-0
flag U1 School fees, books &c - -	Rs 263-0-0
flag W. (order No. 6543-4/San 80-05 dt 22nd Dec 05).	
Supply of books. -	Rs 113-6-0
flag T. (order No. 12420-1/San 80-05 dt 4th June 06).	
	Total Rs 2936-2-0

2nd batch of 4 students for Sanry Course only.

flag N1 College fees (order No. 6793-4/San 38-06 dt 1-2-07) - - - -	Rs 90/-
flag Z1 Scholarships (No. 13377-8/San 234-05 dt 30.6.06)	Rs 200/-

NOTE:- Contn sheet.

GPS-50,00017-3-07

G.R. S. 12]
General and Revenue Secretariat.

Govt File No. 153 of 1907-08

flag R

flag S

Serial No.

Govt declined to sanction the bills for Rs 66/14 being the price of books reqd by the 4 students refd to and invited the attention of the Sanc Commr to G.P No. 11143-4 munl (548-04) dated the 5th June 05 which authorized the purchase of books &c by the Sanc students of the 1st batch as a special case.

Before passing final orders on this scheme, this may be sent to the Rev Commr & to the I.G. of Education unofficially for opinion, copies of the Sanc Commr's letter under subn being sent to the Rev Commr & Dts for an expression of opinion in the matter. Branch II may also be consulted regarding the financial aspect of the scheme.

Subd for orders.

Ks 5/1
28/12/07
7.1.08.

2

flag P.

Letter No. 1929 dt the 30th Dec 07, from the Sanc Commr. States that in accordance with G.P. No. R 2309-21 / L.R. 150-06-1 dt 20.8.07 the total No. of shekdars in the State is 374 and requests that the No. mentioned in his letter No. 1751 dt the 18th Dec may therefore be corrected from 467 to 374.

As suggested the necessary alterations have been made in his former letter. Subd.

I think the Rev Comr does not consulted about training Shekdars?
Where are the papers?
Subd with the file below.

Ks 9/1/08

JB
10/1/08

Contn sheet.

G R. S. 12]
General and Revenue Secretariat.

Sau File No. 153 of 1907-08

Serial No.

Please put up the order under which vaccination is taught without any expenditure to the State & also note the no of students & the amount of fees received & the amount paid to the staff for the past 5 years.

11/1/08

Submitted:

The file (G.J 12-00) containing G.O. Ro: no 11497-5 dt 10.1.02 is put up. Rio J 12-00

Information as to the no of students & other particulars referred to above is furnished in the following statement:—

Year	No of Students trained		Amount of fees received	Amount paid to the teaching staff	Remarks
	For posts by J.D. Vacc.	For Vacc. posts			
1902			285	142 8	50 p.c of the fees collected whether the Supdt alone drew the whole amount or a portion of it was paid to others is not definitely known.
1903	8	12	210	105	
1904	8	15	175	87 8	
1905		26			No fee was realized as the students trained were all for employment in the State.
1906	1	21			

NOTE—Contn sheet.

GPB—50,000—17-3-07

G. R. S. 12]
General and Revenue Secretariat.

San
~~2nd~~ File No. 153 of 1907-08

Serial No.

S

Information as to the no: of Students trained during the years 1902 & 1903 was not furnished in the Annual reports of the Senior Surgeon for the said years as is being done since 1904 but from a reference to a Statement in file no 12-00 G.7 it will appear that 16 Students were trained for the post of Dy Inspr of Vaccn and 10 for the post of Vaccinators between the period from 1st December and end of June'03.

16.1.'08. This is a question of funds & the propriety of opening a School on such a large scale to train up a few Sanitary Inspectors with such liberal allowances for the teaching Staff which will of course consist of Officers highly paid Sanitary Officers. Of course doubtful. Of a School on a moderate scale is considered necessary, it may be opened on the lines indicated in Govt Pro: No 11494-5 Mis-7. 12-06 & 10th January 1902 in re Vaccination without additional cost to Govt

Submitted for orders. HB
18/1/08

Note—Contn sheet.

GPB—50 000—17-3-07

Serial No.

In my note on the linked file 113 of 1907 - re training Shekdars in Sanitation I have expressed the view that it is unnecessary & undesirable to put the Shekdars through an elaborate course of Sanitation as suggested by the San^y Comm^r, and that all that is needed is to add an elementary course of Hygiene and San^y Engineering to their syllabus in the Shekdari school. If this view is accepted the financial basis of the San^y Comm^r's proposals will require careful examination.

Confining our attention only to the training of 174 San^y Insp^rs Asst Insp^rs and 9 Dy Insp^rs of Vacc^n & 30 vaccinators the fee income at the rates proposed would come to

15660
810
990
17460 Rs.

The 183 students of the first two classes can be trained in 3 batches of 60 students each, or at any rate can all be trained in 2 years of 2 sessions each. The cost for 2 years will according to the estimate given in para 16 of the San^y Comm^r's letter be 15428 Rs, so that the recurring charges of the school will be met by the fee income if realized.

GPB—50 000—17-3-07

G. R. S. 12]
General and Revenue Secretariat.

Govt File No. 153 of 1907-08

Serial No.

If the School is established the provision of Scholarships for Sanit training in Madras — 3600 R. in this year's budget — would be unnecessary & maybe saved.

But this is doubtful as Scholarships maybe required for candidates to come forward to study in the School.

After ~~that~~ about 200 Sanit Insprs are turned out by the School it is doubtful if the men trained in it will readily find employ in connn of Inspns ~~if~~ if ~~the~~ a sufficient number of students will attend the classes. If the School is to be closed after training about 200 men it has to be considered whether it is worth while ~~to~~ incurring considerable initial expenditure in starting the School much of which will be irrecoverable after 2 years when the School is closed. The Sanit Comm's letter does not go into details of the initial expenditure that will be necessary but I expect that the School buildings, laboratories for students laboratory fittings &c will cost a Considerable amount.

Then again there is the question are we likely to get 100 or 120 young men a year to go through the Course paying the prescribed fees^ which are rather high. I am not very hopeful in this respect. Scholarships & free education ~~bottle~~ may be necessary & perhaps the whole

G.P.B.—50,000—25-2-07

Serial No.

cost of the School will fall on ~~foot~~ the Govt revenues.

Perhaps before starting the School it maybe desirable to issue a prospectus & advertisement & call for applications from candidates willing to join the school & undergo the course. If a sufficient number of applications are received the School maybe ~~started~~ started.

(Sd)

CAS
17/7/08

The 2nd Cr met Dr Brockman & Dr Palpu and discussed the question on 27th Inst. It was decided that

1) Dr Brockman should confer with the Rev Comm & see whether the engineering course of the Shekdari School can be combined - to any large extent - with that of the Govt School, & whether the ~~lectu~~ course on Hygeine & can be incorporated with ~~those~~ the present Shekdari Course so as not to extend the period of training and whether the two schools can be located in the same building.

GPB—50,000—25-2-07

15

D. O.

OFFICE OF THE SENIOR SURGEON AND 45
SANITARY COMMISSIONER WITH THE GOVERNMENT OF MYSORE.
[illegible] MYSORE

Bangalore February 21st 190 8.

Wednesday
12.30?

Dear Mr Puttanna Chetty,

Your kind note of yesterday in re the Panchayat over the Shekdars training matter will Monday next at 12.30 noon do you as to time if so I shall come & bring Pulpu with me and talk the mains over that is really the most satisfactory way of dealing with it . I might have come today but Pulpu is away on tour .

Yours sincerely

H E Drake Brockman

Major IMS

20/2/08

TV JHS
S/28/2

16

Bangalore
7th March 08

Dear Sir

I return herewith the notification re Sanitary School approved by the 2nd Councillor. It may be published in the Daily Post, Mysore Standard Mysore Herald Madras mail Hindu & Standard

Yours truly

(Sd) C.S. Balakundaraiah

Subject to audit fee
Rs 9/3/08

9/3/08

Other matters file
IV KS
9/3/08

Serial No.

2) Dr Brockman should draw up an advt about the Sanitary School & invite applns from candidates to see whether the requisite number of candidates willing to pay the prescribed fees could be secured.

3) Dr Brockman should make estimates of the cost of buildings & equipment required.

Await further communication from Sanl Comr.

28/2

3 Letter No. 517/D.O. dd 6th March 1908 from the Sany Comnr. Forwards for appl a notice to be published in certain important news papers, in re the new Sanitary School in accordance with the decision recorded above.

Permission was accorded by a D.O. to publish the said notice in the Daily Post, Mysore Standard, Mysore Herald, Madras mail, Hindu & Standard.

Letter No. 3852 dd 4th April 1908 from the Sany Comnr. Forwards for sanction a bill for Rs 62/4 from the manager, the Hindu, Madras on account of publishing the notice relating to the Sany Inspr School and

G.P.B.—10,000—18-1-'07

Serial No.

and requests that the Comptroller may be authorized to admit similar charges that may be claimed by the Daily Post, Mysore Standard, Mysore Herald, Madras Mail & Madras Standard.

The Secy/Commr suggests that the charges may be met from the provision made in ~~out of the current year's Public Health Budget from out of the provision made under~~ "Purchase of books & journals". The Budget refd to is pending orders of the Diwan.

The cost of publication in all the papers refd to is not known, but the Secy/Commr solicits general sanction in the matter

Subd for orders as to whether the Secy/Commr's request may be complied with. Draft sanctioning ks 5/- the bill is put up Subd to the 2nd Comr

BB
16/4/08

Approved
16/4/08

Issue
18/4/08

To save delay - the draft has been separated from the bill & sent to the Typing Section for typing it-
ks
16/4.

GPB—50,000—17-3-07

G. R. S. 12]
General and Revenue Secretariat.

Gen File No. 153 of 1907–08

19

Serial No.

Letter No. 3898 dt 7th April 1908 from the Sanitary Commissioner in Mysore -

5 States that in pursuance of the advertisements published in several news papers. 443 applications for admission into the Vaccinators' class & 198 for the Sanitary Inspectors' class have been received in his office and solicits immediate sanction to the formation of a school & to the construction of a separate building therefor.

The Sanitary Commr states that to allow of the school being started from 1st July next, the school building & the laboratories will have to be completed by that time and tenders for supply of furniture, laboratory fittings, apparatus &c.. have to be called for at once and orders given with the least possible delay.

file for

In the notice published in the Mysore Gazette of the 26th March last it is stated that there are at present 170 vacancies of Sany & Asstt Sany Inspors & only 33 of Vaccinators in the State, but the no of applications recd are 198 for the former, and so many as 443 for the latter.

original letter only in the file

In his letter No. 1751 dt 18th Dec 07, the Sany Comr proposed to divide the total no. of students into batches, each batch ~~Good~~ consisting of 60 students.

NOTE—Contn sheet.

GPB—50 000—17-3-07

Serial No.

At this rate there will be seven batches among students seeking admission into the Vaccinators' Class. If the 33 Vacancies refd to in the notice be filled up by the successful Candidates of the 1st batch, there will be no opening for the remaining 383 applicants, who may then not be willing to receive the necessary training in the new school, so also the students of the Dairy Insprs' class.

It is not known what the cost of furniture, Laboratory fittings, apparatus &c would be and whether they will be of much service when the school is closed. The Dairy Comnr has not submitted fresh estimates of the cost of buildings & of the necessary equipments as required in paragraph 3 arrived at in the Conference of the 27th Feb 08, nor has he furnished information refd to in para thereof. It is also doubtful if a new building should be constructed for the purpose.

Attention is respectfully invited to the views of the Secretary recorded on page 13 of the office note of the 17th Feb last & to the note put up on file No. 180-07.

Subd for orders.

20/4/08.

As noted on pages 14 & 15 of these notes it was settled at the Conference held by the 2nd inst with the Dairy Comnr

GPB—50 000—17-3-07

that the latter should make certain enquiries & report before Govt could further consider the question of starting a School. So far as candidates are concerned the Sanr comm appears to have received a large number of applications, and the opening of a school may be justified.

The Sanr Comm has not however ~~the~~ consulted the Rev Comm and made any suggestion as to how the work of the Sanr School could be combined with that of the Shekdari School as suggested at the Conference.

In his letter of 4 Feb 08 the Sanr comm estimates the cost of the School building at 6600 R odd but the ~~cost~~ ~~cost~~ Cost of furniture fittings &c is not given.

2nd Cy

CSB
18/5/08

Serial No. 663
22-5-08

It will be interesting to know how many of the applicants belong to Mysore and how many are from outside.

Please get full information as to cost of opening the school - and circulate papers to the Pol Committee with a view to the question of funds being considered at the time of discussing the Budget for the next year.

As there will be sufficient number of students, the question of Shekdars receiving instruction in sanitation may be deferred for future consideration

22/5/08

Asst Secy to V
Will please write D.O to
the Palace & obtain the needful
information

Draft put up.

22/5/08

27/5/08

27/5/08

NOTE—Contn sheet.

GPB—50 000—17-3-07

23

S.O.S
23rd May 08.
25th

12461
Sanitary

Dear Mr. Salpon,

Please see the Sanitary letter No. 3898 of the 7th April last giving the no. of students that have sent in applications for admission into the new Sanitary School and let me know how many of the applicants are Nepaleans and how many are outsiders. Kindly let me also have a statement in the usual finally noted form giving full information as to the cost of opening & maintaining the school.

Yours sincerely,

Statement showing the cost of opening & maintaining the new Sanitary School in the Punjab

No. of Students		Estimated Expenditure			Particulars	Actual Expenditure			Remarks.
From Punjab	From outside Punjab	for 1908-09	for 1909-10	for 1910-11		1908-09	1909-10	1910-11	
					For building				
					" furniture				
					" apparatus				
					" books				
					Honorariums				
					Establishments				
					Miscellaneous Charges				

D. O. No. 647 Q 9234 OFFICE OF THE 26

SANITARY COMMISSIONER WITH THE GOVERNMENT OF MYSORE.

Bangalore, 5 June 1908.

Dear r.Ramaiya,

Herewith the statement asked for in your D.O. No.12461 dated the 29th ultimo regarding the cost of opening and maintaining the Sanitary School. You will see from the statement that the school will be self-supporting and will even bring in a profit of Rs. 9000 to Govt. (if cost of buildings & apparatus be excluded), provided we admit the full number of students in each class as originally proposed.

The number of Sanitary Inspectors to be trained each year is shown as 120 at the rate of 60 students for each session. The courses in Physiology & Minor Sanitary Engineering will run concurrently so that while one batch of 60 is undergoing training in Physiology and Hygiene, the other batch will be trained in Minor Sany Engineering and vice versa.

Yours sincerely,

Statement showing the cost of opening and maintaining the new Sanitary Schools in the Lyallpur district

No. of students		Estimated income.			Estimated expenditure				Remarks
From Lyallpur	from outside Lyallpur	For 1908-1909	For 1909-1910	For 1910-1911	Particulars	1908-1909	1909-1910	1910-1911	
373 for the vaccinators' class and 163 for the Sanitary Inspectors' class	92 for the vaccinators' class and 30 for the Sanitary Inspectors' class.	990 - - 10800 - -	10800 - -	10800 - -	For Buildings For furniture - For apparatus For books For Honorariums For Establishments For miscellaneous Charges	6650 - - 1000* - - 2000* - - 1000* - - 0610 - - 504 - - 600 - -	400 - - 200 - - 6610 - - 504 - - 600 - -	400 - - 200 - - 6610 - - 504 - - 600 - -	For 33 vaccinators at the rate of 30 Rs each. For 120 Sanitary Inspectors at the rate of Rs 90 each. * These are only rough estimates & may be decreased or enhanced as circumstances require
		11790 - -				18364 - -	8314 - -	8314 - -	

Total 33390. Total 34992.

Excluding cost of land

Serial No.

6. To Sanc Comtt d compt No 10692-3 § 28-4-08

Sanctions the bill for Rs 62/8 referred to in Sl. No. 4 being advertisement charges due to the Manager of the Hindu.

In reply to the D.O dated 29th May 1908, ordered to be issued Supra, Mrs. Palpu in a D.O. § 8.6.08 (No 647) forwards a Statement, furnishing the informations ordered to be called for in the Second councillor's note of the 22nd May, Supra.

The Statement shows that there are 465 applicants for the Vaccinator class of whom 92 are outside Mysore and 193 applicants for the Sanc Inspector class of whom 30 are outsiders. It is doubtful whether 73 students will keep waiting for one year or two

The estimated income from the School for three years is put down as Rs 33390 while the expenditure comes up to Rs 34992 of which Rs 10650 is required for the buildings, apparatus, furniture & books. Excluding this the expenditure is put down as Rs 24.342, only and thus it is stated, a total profit of Rs 9000/- would be the result.

Submitted for orders.

The question of opening a Separate School for the training

till 120 students are trained in the first year, or those many will actually join the School & Whether fresh appointments that are now available are filled up.

NMS 9/6.

NOTE—Contn sheet.

G. R. S. 12]
General and Revenue Secretariat.

Sam File No. 153 of 1907-08

Serial No.

of a few Sanitary & Asst Sanitary Inspectors seems to require careful consideration.

Subd for orders

9/6/08

Subm'd to 1st C'r

11/6

7162 13.6.08

I am in opening a school on self supporting lines —

27/June

Subd to the Secretariat for 2nd Commissr

27/6/08

In connection with the Public Health Scheme, a School for the training of Sanitary & Asstt Sanitary Inspectors and Vaccinators may be started in Bangalore, at least as a tentative measure for 3 years

Being before Council 29/8/1908

9539 29.6.08

29/8/08

Note—Contn sheet.

G.P.B.—50 000—17.3.07

C. R. S. 12]
General and Revenue Secretariat.

Sanc File No. 153 of 190

28

Serial No.

for issue 14/8

Include in abstract
4/Nov

Refer to Sanc
Issued 4.8.

Refer to Sanc

Ordered by the Dewan that the proposal referred to the Financial Secretary as the scheme involves additional cost. Please note below the details of such cost as far can be made out, & then refer to the Financial Secretary.

B. V. IV
12/Nov

Issued 13-8-

IV KS
13/8
Submitted

The expenditure for opening and maintaining the new Sanitary School in Bangalore, as estimated by the Sanitary Commr, for 3 years, amounts to Rs 34,992/-

Details

Particulars	1908-09	1909-10	1910-11	Remarks
For buildings	6650	-	-	* The Sanitary Commr. states that the amounts shown under purchase of furniture, apparatus, books may increase or decrease as circumstances require. G.J.
For furniture	1000*	-	-	
For apparatus	2000*	600	600	
For books	1000*	200	200	
For Honorariums	6610	6610	6610	
Establishment	504	504	504	
Miscellaneous charges	600	600	600	
Total	18364	8314	8314	Rs 34992

Note—Contn sheet.

GPB—50,000—17-3-07

Serial No.

92, 4

1
2

The estimated income amounts to Rs 33390/-
(vide statement received with Sanitary Commr's D.o
No 647 dated the 8th June 1908)

In the Sanitary Deptt. Budget for 1908-09,
there is a provision of Rs 10000/- for the Sanitary
school. (For Sanitary School buildings, Rs 6000/-
" fitting up school & laboratory, 4000/-

Fl. mis. 153-07

Forwarded to Br II for favour of opinion
14.8.08 18.8.08. M. Krishnarao

Submitted
N 18/8

The arrangement of opening a local school for training Sanitary Inspectors & Vaccinators is more expensive than that of giving Scholarships to students for receiving training at Madras. There is a regularly organised permanent institution at Madras in which training in Sanitation & Vaccination can be had & the desired large number of men are annually trained by that institution.

NOTE—Contn sheet.

GPB—50 000—17-3-07

Serial No.

One need is purely temporary & we want only men for filling up vacancies. Many of the men trained in the Madras School may offer to take service in Mysore and some stipends are also being sent to Madras every year with scholarships for receiving training there - If candidates are prepared to pay the fee proposed to be levied & join the School at Bangalore. It may well be presumed that they will go to Madras also for receiving training if we can get men trained at Madras in a very well Equipped institution, it seems, there is no need for opening a school for training men locally. So far as Govt is concerned it need only offer some encouragement in the form of scholarships, as it has now been doing to candidates for going receiving

Serial No.

training at Madras

It is not clear why the Superintendent should maintain a school, with heavy outlay on buildings & Equipment for training all students that may offer by joining it, irrespective of local requirements.

It is beyond doubt if all the Municipal & District Bds can afford to employ Sanitary Inspectors & Asst Sanitary Inspectors. The finances of some of the Bds do not permit of further additional expenditure on Establishments & it will take some time for them to improve their finances to be able to employ the Sanitary Staff they are now to maintain. In these circumstances there is no object in training a large no of Inspectors in one or two years.

It is doubtful

NOTE—Contn sheet.

Serial No.

If all the men who have offered to join the School will really do so & pay the somewhat heavy fees proposed to be levied. One can not feel assured that the School will really be self supporting and the particulars of proposed expenditure given by the Secretary (?) show that the arrangement involves net expenditure on the part of Govt. It is also likely that the estimated expenditure is not exhaustive & additions to the list may be made later on. Once the School is opened whatever expenditure the professional authorities consider necessary for the efficient equipment of the institution can not be avoided.

Altogether it seems, financially, the arrangement

-Contin sheet.

GPB-50,00017--3-07

G. R. S. 12]
General and Revenue Secretariat.

Gen. File No. /S 3 of 1907-08

38

Serial No.

Fl min 1903-07

of opening a local School has not much to commend it-

Mnch
26.8.8

Anl Secy

I think it has not been shewn that there is any real difficulty in getting properly qualified Sanitary Inspectors & assistant Inspectors - Even if only local men are to be taken I understand there is no difficulty in getting our men through a course in the Madras institution at a very moderate cost per head.

An institution of the kind contemplated, intended to last only for a few years cannot be both efficient & economical. If buildings, laboratory equipment &c are to be on an adequate scale the initial cost will be such as to make a temporary institution prohibitively expensive. On the other hand there is very little use in opening an School of the kind in question with inadequate & makeshift arrangements.

It is my conviction that the proposed institution if properly equipped cannot

NOTE—Contn sheet.

GPB-50,00017-3-07

Serial No.

42-54

be anything like a self-supporting institution. It is sure to throw additional expenditure on the State and it is very doubtful whether the institution during its brief life will ever reach the standard of efficiency of the Madras institution. I therefore fully agree with the views of the Asst. Secy. & hold that the proposed scheme has not much to recommend it.

28/8/08

IV. Ks 5/28/8

28/8/08

Submitted.

Ks 29/8. Secy) 29-8-08. RMW

Recirculate to Councillors

30/8/08

Council 5/3/16

RMW 31/8

Col Smyth has not expressed his opinion in the matter. The file may be sent to him u.o for his views regarding the necessity for establishing the Sanitary School 1/9/08

NOTE—Contn sheet.

Serial No.

No. 30/08-09
9284-08

Forwarded to the Land Commissioner for favour of opinion
1-4-08
Mcdonnell
Secy to Govt

2-9

G.O. No. 10
4-12-08.

1V/45 12/

The correspondence & the papers noted in the various files connected with this subject have been carefully examined & I see no just ground to take any action.

On the very day I have come into the Secretariat file No. 2/4 of 7-6-07 and I think I am not making unnecessary to repeat what I have said then on this place. I may only say that I entirely concur with the views above who deprecate making this unpleasant matter in a marketing manner. The idea of a school is sound, we can have one at small cost if the new Health Institute I have advised is set up.

3/12/07

Submitted

Sub. Separately

2-12-08
11

In his unofficial note on San file 179 of 1907, the Surg. Comr proposes to establish (1) A Public Health

NOTE—Contn sheet.

GPB—50 000—17-3-07

Serial No.

Institute (2.) A permanent School of Hygiene on a small scale (3) A museum of Hygiene (4) A Vaccine Lymph Laboratory. He wants that all these should be placed under the combined charge of one Director, each branch being under the sub charge of a subordinate officer. He recommends that on his return from England Dr. M. Srinivasa Rao may be appointed as the first Director. He states that all these institutions may be suitably located in the buildings at present occupied by the Maternity Hospital, & proposes that the maternity may be removed to the Sanskrit college in the fort.

As proposed by the Sanitary Comr in this file, the question of opening the Sanitary School may for the present be dropped and taken up again in connection with his proposal for establishing the Health Institute etc which have been called for separately. Submitted for orders.

NMM 5-12-08

The Sanitary Comr is requested to submit formal proposals regarding the establishment

NOTE—Contn sheet.

GPB—50 000—17-3-07

Serial No.

of a Public Health Institute &c
~~A~~ Please put up a draft
referring to that order and
stating that the submission
of the proposals ~~for~~ is awaited

12.12.08. MW

Draft submitted per approval
2nd Cr) sg 21.12.08. 14.12.08 MW

Formal proposals in
the matter have been called for
vide D.O in file no 179 of 1907.

26.3.09. MW

25 DO no. 95-74 dy 2.4.09 to Sanitary comm^r
calls for formal proposals in
re the formation of a Health Institute

No. P. 1757
Enc. 3

San 15-3-07-1

Office of the
Senior Surgeon and Sanitary Commissioner.

Dated, Bangalore, the 18-12-1907

From Senior Lt.-Col. Drake Brockman,
I.M.S.,
Senior Surgeon and Sanitary Commissioner, with the Government of His Highness the Maharaja of Mysore,
BANGALORE

To
C.S. Balasundram Iyer Esqr., B.A.,
Secretary to the Government of His Highness the Maharaja of Mysore, General and Revenue Departments,
BANGALORE.

PLAGUE DEPARTMENT.

Sir,

With reference to para 3(6) of Government Proceedings No. 1378-92/San 03-06-8 dated the 10th. August 1907, I have the honor to state that according to the scale sanctioned in the order of April 1905, 191 Sanitary and 30 Assistant Sanitary Inspectors will be required for this State as per list appended. The rate of 5 Sanitary Inspectors sanctio for the Cities of Bangalore and Mysore i.e., 1 for every 12,000 of population roughly, would be insufficient espe cially when the temporary Plague staffs in these Cities abolished and their duties handed over to the permanent staff of Sanitary Inspectors. In the case of the Kolar Gold fields a similar arrangement would result. The tota number of hands that would ultimately be required, would thus be 230. Of this number only 35 have been entertained up till now, and 21 qualified men have applied for service in accordance with the notices published in the advs. of the Mysore papers recently. The remaining 174 men have to be trained for the service. To this number must be added the 9 Deputy Inspectors of Vaccination who have to be trained in accordance with Para 7 of the same Govt. order.

From,

Lt. Col. JOHN SMYTH, M.D., I.M.S.
~~*Senior Surgeon and San. Commr.*~~
with the Government of Mysore.

To

The Secretary to the Govt. of H. H. the
Maharaja of Mysore, Gen. & Rev. Depts.
Bangalore.

Dated. 18.12.07

Despatched.

Received.

General No. 8.1751

Enclosure No. 3

Submitting a scheme for educating Sanitary Inspectors and others locally.

2. It is desirable that the Sheikdars in the State should have some training in Sanitary Science. There is already a proposal received from the Deputy Commissioner of the Chitaldrug District to the effect that these officials should be sent to Madras and given a training like Sanitary Inspectors (Vide correspondence ending with this office No. 1468 dated the 2nd. December 1907). The education of such officials in this line would be of immense advantage in the future management and prevention of epidemics in the State, in the improvement of the sanitary condition of villages and in the general education of the masses in the first principles of Hygiene. The number of Sheikdars that will have to be trained will be ~~467~~ 374

3. The training of villages, Mohli and other school masters in the subject of practical Hygiene is even more important than the training of Sheikdars. Hygiene is one of the subjects now taught in most schools in the State. Every school master ought therefore to have a clear knowledge of the subject in order that he may be able to impart the same to students efficiently. The number of school masters that will be required to be trained will be over 2000. A separate reference will be made on the subject on receipt of information called for from Ceylon where the Government have been making efforts in this direction for some years.

4. Excluding school masters for the present, the number of Deputy Inspectors of Vaccination, candidates for employment as Sanitary and Assistant Sanitary Inspectors, and Sheikdars, that have to be trained will alone amount to 650. There will also be numerous private candidates seeking such education when necessary facilities are afforded for the same in the State.

5. Since the receipt of Government order of April 190[illegible], 40 candidates have been trained in the Madras Medical College and the Pasteur Institute of Preventive Medicine - and a

3

for appointment as Sanitary Inspectors in the State. The total cost incurred by the State hitherto on account of scholorships, books, trainage etc., of these students has amounted to Rs. 3,500/- roughly, or Rs. 175/- per student As the course has now been extended to I year, the cost would come to Rs. 205/- per student. At this rate the education of the ~~550~~ 590 students mentioned above would cost the State Rs. ~~1,33,250-0-0~~ 1,20,950-0-0 in all. This is an enormous sum which the State can ill afford at present.

6. There is a way of training the men required as efficiently, at practically no cost to the State, but even at a profit, and that is by opening classes and training candidates here in connection with the Public Health Laboratory and the Health Museum that are being fitted up in connection with the new Department of Public Health. All the subjects that are to be required to be taught viz., Physiology, Hygiene, Elementary Bacteriology and Minor Sanitary Engineering can be taught here conveniently, and the syllabuses adopted in Madras (Vide appendix A and B) may be adopted here with modifications that may be necessary to meet local requirements or in such a way as to make the school affiliable to the Royal Sanitary Institute of London. Officers possessing the necessary qualifications to take up the teaching work are available locally. All that is required will be class rooms and laboratories specially fitted up for the purpose. A building suitable for the classes and laboratories will have to be constructed, but as there is no provision for such this year, and as new construction would mean time, even if provision could now be made, it is necessary that some temporary arrangements should be made and work started at once. Otherwise the new Department of Public Health cannot be organized and set going for a considerable time. In my letter No.1686 dated 14/12/07 I have suggested that some of the rooms in this building Grace Hills, could, with some alterations, be temporarily utilized as class rooms and that some accomodation could

file above letter put up for perusal

also be made available in the Bacteriological Institute for the laboratories. Should Government approve of this suggestion, the local D.P.W. will be asked to make the necessary alterations. This will not cost much and the D.P.W may be able to meet the cost out of their current budget?

7. The furniture required for the classes and laboratories may cost roughly Rs. 3000/- This amount will have to be found somewhere. I cannot suggest a source for this readily, but I trust Government will be able to find the amount from some source or other.

8. As regards the Laboratory fittings apparatus and materials, and articles that would be required for demonstrations in the classes, there is a provision of Rs. 3,600/ in the Medical budget intended for schlarships to students going en to Madras to be trained as Sanitary Inspectors. This amount has not been spent and the whole of it may be utilized for the purpose as students need not in future be sent to Madras.

9. The qualifications for admission into the classes will be the same as in Madras, and the fees that may be charged for each course from students will also be the same i.e., for Elementary Physiology and Hygiene and Elementary Bacteriology, theoretical and practical, course of 6 months- Rs. 30/-. For Minor Sanitary Engineering - both theoretical and practical, course of 5 months, Rs. 20/- The fee for examinations in the subjects will be Rs. 5/- and Rs. 4/- respectively.

10. A special training in Vaccination should also be made compulsory in the case of Sanitary Inspectors, as they will have to supervise the work of Vaccinators in their taluks, and, in the case of all candidates seeking appointment as Vaccinators according to the new scheme. The course will extend to 3 months. The syllabus may be the same as in Madras,

5

Madras, (vide Appendix C). The fee for the course should also be the same as in Madras viz., Rs. 25/-, — the fee for examination being Rs. 3/-.

11. In addition to these, a course in practical photography, and the use of the magic lantern for lectures and demonstrations will be necessary in the case of District Sanitary Assistants and Sanitary, and Assistant Sanitary, Inspectors. Besides, as these officials, and the Vaccinators according to the revised scale, have all to be mounted, they will have to undergo a training in riding. The instruction in these subjects will last 2 months. The fee should be Rs. 3/- Every student attending the school will have to devote an hour for physical exercise and drill daily throughout the course (and no fee will be charged for this separately). This will ensure the entertainment of men thoroughly physically fit to carry on the out-door duties of sanitary officials which are often of a very arduous nature. The course of physical exercise will include a months training in ambulance and first aid, which will be very useful in case of accidents during Jatras or other occasions and also in times of epidemics.

12. The full course will thus last 11 months and will be arranged as under:-

		January to June & July to December-6months
Batch A Fee. 30.	Hygiene theoretical & practical. Course of 6 months(indoor & outdoor)	Physiology. course of 3 months (indoor) Bacteriology. (theoretical, & practical) 3 months Total 6 months (indoor)
		January to May & July to November- 5 months
Batch B Fee 20	Minor San:Engineering Theoretical & Practical Course of 5 months (indoor and outdoor)	25. Vaccination- theoretical & practical. Course of 3 months (indoor and outdoor). Riding, Photography and Magic lantern - 2 months(indoor and outdoor). Total 5 months.

Physical exercise and drill an hour daily for 10 months and ambulance for the remaining month. The examinations will be held in July and January.

13. The actual management of the school will rest with the Deputy Sanitary Commissioner, who will also see to the efficiency of the instructions imparted in all the subjects, under the supervision of the Sanitary Commissioner.

14. The fees recoverable from students will be as follows:

For training 174 students for employment as Sanitary Inspectors	15,660/-
For training 9 Deputy Inspectors of Vaccination	810/-
For training ~~467~~ 374 Sheikdars similarly but excluding Vaccination	~~28,954~~ 23,188/-
For training 33 Vaccinators required in accordance with the revised scale	990/-
Total	~~46,414~~ 40,648

The cost of training Sheikdars ought to be borne by the District Fund Boards that send them up for training, as would be the case even were they sent to Madras in the ordinary course The training of the 683 students noted above can only be done in convenient batches. Limiting the number of students in each batch to 60, the training of the full number will take 6 years. The number of private students that may seek admission has not been calculated or included in the above figures. They will either swell the strength of the classes or prolong the life of the school. The Deputy Inspectors of Vaccination, and candidates qualifying for service in the State as Sanitary or Assistant Sanitary Inspectors and Vaccinators will of course be trained first, in preference to others.

15. As regards cost the honorarium to the Professor in Hygiene for 6 months will be Rs. 600/- for both theoretical and practical instruction, that for the Professor in Physiology and Bacteriology for a course of 3 months each, Rs. 300/- respectively. An Assistant to each of these teachers

will be required, his honorarium in all being Rs. 300/- for the 6 months. In Minor Sanitary Engineering the honorarium to the Professor will be Rs. 500/- for a course of 5 months both theoretical and practical, and for his Assistant Rs. 125/-. For the Vaccination class the Honorarium for a course of 3 months will be Rs. 300/- i.e., for complete instruction in all the subjects mentioned in Appendix C. The Honorarium for the Instructor in Photography and Magic lantern will be Rs. 30/-. The Honorarium for 2 riding masters (for 2 months) will be Rs. 20/- a month each. The pay of the Gymnastic Instructor and Drill Master will be Rs. 20/- each Honorarium for the Ambulance instructor Rs. 30/- for one month. The School will require a clerk on Rs. 20/- a month. The Laboratories and out-door classes will want 2 attendants ~~each~~ on Rs. 8/- and Rs. 7/- respectively, and the classes will want one peon on Rs. 7/-. The contingent charges for the laboratories and the classes will be Rs. 50/- per mensem. The examinations will be conducted twice yearly and the Honorarium for conducting the examinations might be fixed at Rs. 500/- for all the subjects i.e., Rs. 250/- for Hygiene, Physiology and Bacteriology (viz. Hygiene 100, Physiology 75, Bacteriology 75). Rs. 100 for minor Sanitary Engineering, and Rs. 75/- for Vaccination for written, oral and practical examinations and Rs. 50/- for other subjects.

16. The total cost of the school will thus amount to:-

Honorarium for the Professor of Hygiene at Rs. 100/- a month for 2 sessions of 6 months each ----------	1,200-0-0
do Professor of Physiology at Rs. 100/- a month for 2 sessions of 3 months each ----------	600-0-0
do do Bacteriology at Rs. 100/- a month for 2 sessions of 3 months each ----------	600-0-0
do for 3 Assistants for the 3 subjects for the period ----------	600-0-0
do for Professor of minor Sanitary Engineering for 2 sessions of 5 months each ----------	1,000-0-0
do Asst: to Prof of Minor Sany: Engineering for 2 sessions of 5 months each ----------	250-0-0
do Professor of Vaccination for 2 courses of 3 months each ----------	300-0-0

Honorarium for the instructor in Photography and Magic lantern for 2 sessions of 1 month each------ 60-0-0

do 2 riding masters for 2 months in each session-160-0-0

do instructor in first aid and ambulance for 1 month each session ----------60-0-0

Pay of Gymnastic Instructor	@Rs. 20/-	
.. 1 Drill Master	@Rs. 20/-	
.. 1 Clerk	@Rs. 20/-	
.. 2 Attendants on Rs.8/- and Rs. 7/- each	Rs. 15/-	
.. 1 Peon	@Rs.7/-	
Contingencies	@Rs.50/-	
	Rs.132 x 12 =	1,584-0-0

Honorarium for examiners - 2 sessions at Rs. 500/- each session ---------- 1000-0-0

Total expenditure for 1 year of 2 sessions 7714-0-0

. . for 5 years---- ~~46284-0-0~~ 38,570/- - less than 1/3rd of the cost of what similar education in Madras will amount to.

17. The total cost of training 683 students viz., Rs. ~~46,284~~ 38,570 ~~45,000~~/- deducted from the total realizations shewn above viz., Rs. ~~48,714~~ 40648/- will result in a small surplus balance of Rs. ~~1730~~ 2078/-. The excess of realizations over expenses will be greater in proportion to the extra number of private students that may be admitted.

As per his letter No. 1929 dt. 30.12.07

18. According to the programme given above, the first class ought to assemble in January next, but by that time it would not be possible to have the class rooms and laboratories fitted up - July is too long to wait. The first class will therefore assemble on the 1st. of April 1908 as a special case, subsequent classes keeping to the programme given. To get the class rooms and laboratories fitted up ready by 1st. of April, orders for articles required from England should go immediately, and the work of alterations and fitting up here should also commence at once. I request that necessary orders of Government

therefore

therefore be kindly obtained at once and communicated to me as time is short and there is much detail in organization to be gone through.

I have the honor to be,

Sir,

Your most obedient servant,

H E Drake Brockman.

Sanitary Commissioner.

Appendix A.
Hygiene.
Syllabus of subjects to be taught.

(1) Local conditions, soil, climate and meteorology.- General characters of soils and sub-soils; the choice of sites for buildings; aspect; elevation; coast and inland climates; influence of surroundings, such as swamps, various kinds of vegetation, etc., winds; rainfall; humidity; temperature; diseases connected with the soil.

2. Water.- Sources; composition, characters and classification of potable waters; origin of impurities in drinking water; conservancy; purification; prevention of pollution of tanks and wells; diseases caused by impure supply.

3. Air.- Composition; impurities, their sources and effects; simple methods of testing the principal impurities; action of animals and plants on the air; cubic space necessary for each person; dangers of overcrowding; natural and artificial ventilation.

4. Waste and impurities.- Disposal of excreta; sewage and refuse; the principles of construction of latrines on the dry and on the wet system; temporary latrines; cesspools; dunghills; control of offensive trades and disposal of their refuse; the principles of house and street drainage, open and closed drains; the disposal of dead bodies; the regulation of burial and burning grounds; diseases specially connected with filth.

5. Personal Hygiene.- Habits; exercise; principles of physical training; effects of a sedentary life; sleep and sleeping places; cleanliness; washing; attention to the skin and bowels; the principal parasites of man and methods for their removal; clothing materials. their properties and suitability to different conditions of temperature and climate; effects of early marriage; effects of vicious excesses and intemperance; effects of tobacco and opium or

health.

6. Food and diet.- Physiology, classification and uses of food substances; quantity of each class required; energy obtainable from food; animal and vegetable foods; general principles and requirements of a diet; the preparation and cooking of food; hours for meals; effects of excess and deficiency of food; condiments, alcohol, tea, coffee, and aerated waters as articles of diet; wholesomeness and unwholesomeness of food; adulteration; the principal adulterations of milk and its products, simple methods for their detection; foods in common use in the Madras Presidency and among the different castes and classes of the population, diseases specially connected with food.

7. Disease.- Contagion; the media in which contagia are spread; epidemic and endemic disease; the germ theory and its application in sanitary work; rabies; anthrax, glanders cholera, small-pox, rinderpest, epizootic aptha (ffot and mouth disease); the principles of protective inoculation; general preventive measures; the notification of infectious diseases; action of antiseptics, disinfectants and deodorants; the effect of heat as a disinfectant; preventive measures applicable to the care of large gatherings, such as fairs and festivals.

8. Vital Statistics.- Population; census; registration of births and deaths; ratios; means.

9. Method of inspection and reporting upon the sanitary condition of rural and urban areas, dwellings, slaughter houses, places for the conduct of offensive and dangerous trades, graveyards, rubbish and night-soil depots, sewage farms, cattle-yards, dairies, stables; physical examination of grains, bread, milk, and its products, meat, fish, ~~oil~~ vegetables and fruits; the use of apparatus designed for the conduct of night-soil and rubbish conservancy, water-supply and sewage of tanks; disinfection of

dwellings and of clothing; the organization and practical working of a staff organised for dealing with an epidemic disease.

10. Sanitary law.- A knowledge of the sanitary clauses of the various Acts in force in the Madras Presidency, sufficient to enable the candidates to decide promptly as to what action can be legally taken or initiated by them.

----------&&&&&----------

inor Sanitary Engineering.

Syllabus of subjects to be taught.

---------oOo----------

General.- The use of drawing instruments. The use of scales The reading of plans and sections. The calculation of gradients. Chain surveying and the practical use of levelling instruments.

The measurement of areas and volumes including the calculation of small quantities of earth-work, brick work, masonary, etc. Estimating for minor and temporary works.

Buildings. The description of soils and strata best suited for the erection of buildings in respect to stability and healthiness of the dwellings erected thereon. The necessity for foundations, their proper depth etc.,

Knowledge of the various building materials, such as brick, stone, lime, surki, asphalte, paints etc., Their quality and the possible influence of the atmosphere on them. Their suitability for use in various parts of a building. To distinguish between good and bad brick, timber, lime, cement etc.,

The methods of ventilation applicable to Indian condition

Main details of the construction of permanent and semi-permanent hospital wards as gained from a study of plans.

The area and cubic space required in ordinary and contagious wards.

The details of design of latrines as gathered from a study of plans- permanent and temporary.

Details of night-soil depots and a knowledge of method of trenching, covering etc.,

Water-supply.- The inspection of sources of supply and determination by inspection as to their suitability for dietetic purposes.

The proper construction of wells to prevent the inlet of surface polluted water.

The calculation of the capacity of a well and the average supply of water likely to be obtained from it.

Methods of filtering and purifying small quantities of water or of otherwise rendering it safe for domestic use.

The method of drawing samples of water for chemical examination from water taps, tanks and streams.

Simple methods of calculating the discharge of small channels.

The various methods of raising water used in India and the construction of ordinary lift and force pumps.

The use and construction of small cisterns and tanks for the storage of water.

The quantity of water necessary per diem per head for a town population, and for horses and other animals.

The method of driving tube wells, their use, and the position in which suitable.

Drainage.- The materials used in drainage works.
The use of drainage pipes, glazed and unglazed, brick drains, syphon traps, cesspools, septic tank etc.,

The various methods of house and street drainage.

Knowledge of methods for the rough determination of the discharging capacity of an open drain, channel, closed pipe and sewer.

The proper gradients for drains of varying sizes.

The various methods of pipe-jointing in closed drainage and sub-soil drainage.

The variation in sub-soil water-level and its effect on health.

The methods of excluding sub-soil water from areas and spaces below ground level.

The methods of flushing and cleaning drains, and of drain testing.

Disposal of sewage etc.,- Methods of sewage purification. The action of the septic tanks, bacterial and other filters and of land etc.,

15

The relation of the septic tank to the old cesspool.

imple plant for domestic sewage disposal.

The formation of small collecting tanks and areas for sewage filtration.

The proper crops to grow under sewage irrigation.

The sub-soil drainage of sewage farms when necessary and when not.

The maximum area which can be irrigated by any quantity of sewage.

The maximum amount of sewage which can be put in an area to ensure a maximum return in relation to temperature and climate.

----------&&&&&&----------

16

Appendix C Vaccination.

Syllabus of subjects to be taught	No. of lectures.
(1) Preservation and Bacteriology of Vaccine and the Science of Ascepticism	6
(2) Human and animal vaccination (theoretical) Official routine and law concerning vaccination	12
(3) Common skin and other diseases of man (theoretical)	8
(4) Human and animal vaccination (practical)	Daily for 3 months
(5) Common skin and other diseases of man (practical)	
(6) Common skin and other diseases of animals (theoretical)	8

----------oOo----------

Prof

D 4368 Enclosure to this Office no: 1757 D/18-12-07

List

Showing the number of Sanitary Inspectors and Asst Sanitary Inspectors required for the State. in accordance with paras of the Govt no. 9301-19, Mel. 67-03 of 8th April 1905

No	Names	Number	No. of Sanit Inspectors Reqd	No of Asst Sanit Insps	Remarks
	Taluk Boards	67	67		
2	Municipal Towns with a Population of above 5000	30	30	30	
3	Do. of 5000 & under	94	94		
	Total	191	191	30	

Bangalore.
26th Dec 07

For Sanit Commissioner.

Enclosure 18

No. R. 1929
Enc. -

Office of the
Senior Surgeon and Sanitary Commissioner,

Sam 153-87-2

Dated, Bangalore, the 30th December 1907.

From
Major H.E.Drake-Brockman
Lt-Col JOHN SMYTH, M.D., I.M.S.,
Senior Surgeon and Sanitary Commissioner, with the Government of His Highness the Maharaja of Mysore,
BANGALORE.

To
C.S. Balasundaram Iyer Esqr B.A.,
Secretary to the Government of His Highness the Maharaja of Mysore, General and Revenue Departments,
BANGALORE.

PLAGUE DEPARTMENT.

Sir,

I have the honor to state that since despatching my letter No.1751 dated the 18th Instant, I have received a copy of Govt. Pro. No.R2309-21L.R.150-06-1 dated the 20th August 1907 wherein I find that the total No.of Shaikdars for the State is limited to 374 The number given at the end of para 2 of the letter may therefore be altered to 374. Taking this number as the maximum the following alterations will have to be made in the statements occurring in the body of the letter.

The total number of students will be 520 and the fees recoverable from them will be Rs.40,648 vide para 14. The training of the whole number will occupy a period of 5 years and at the rate of Rs.7714/- per year as detailed in para 16, the total expenditure will amount to Rs.38,570 resulting in a surplus balance of Rs.2,078. I request that alterations as here indicated may kindly be made wherever necessary in the letter.

I have the honor to be,

Sir,

Your most obedient servant,

Asst. Surgeon Plague Commissioner

Plague Department.

190 —0

From,

LT.-COL. JOHN SMYTH, M.D., I.M.S.,
Senior Surgeon and San. Commr.
with the Government of Mysore,

To

The Secretary to the Govt. of H. H. the
Maharaja of Mysore, Gen. & Rev. Depts.
Bangalore.

Dated.

Despatched.

Received.

General No. P.

Enclosure No.

Requests that certain alterations are to be made in his letter no. 1751 of the 18th inst.

19

No 577 06586

Sanitary Commissioner's Office,
Bangalore, Dated 6/3/ 1908.

Dear Mr. Balasundram Iyer, Sanction. 07-3

With reference to the decision arrived at by the Second Councillor and myself on Thursday last in regard to the opening of a school for training Sanitary Inspectors and others locally, I enclose for the approval of the 2nd councillor the accompanying notice to be published in all the important newspapers in the Presidency. Kindly return it early with orders of Government permitting its publication and stating which papers it should be sent to.

I am,
Yours sincerely,

H. Drake Brockman

Sanitary Commissioner.

Subm to 2nd C. The notice may do. It may be published in the Mysore standard, Herald, Madras mail, Hindu, Madras Standard CEB 7/3

approved Publish also in Daily Post HPM 7/3/08

No 3852 E 1

20

Sanitary Commissioner's office,

Bangalore, dated 4th April 1908

Sam 153-07-4

From.

Major H.E.Drake-Brockman I.M.S.,
Sanitary Commissioner to Mysore Govt,
Bangalore.

To.

C.S.Balasundram Iyer Esq,B.A.,
Secy to Mysore Govt, G&R Depts.,
Bangalore.

The Daily C. ✓
Mysore Standard. ✓
Mysore Herald. ✓
Madras Mail. ✓
Madras Standard. ✓

Sir,

I have the honor to forward herewith a bill amounting to Rs.62-4-0 received from the Manager, the Hindu, Madras, on account of publishing the notice regarding school for training of Sanitary and Asst: Sanitary Inspectors and Vaccinators in three successive issues of that paper.

2. The notice has also been published in the marginally noted papers × and their bills of charges are awaited. The Comptroller may kindly be authorized to ~~audit~~ admit the items.

3. The charges may, be met out of the current year's Public Health Budget from out of the provision under "Purchase of books and journals".

I have the honor to be,

Sir,

Your most obedient servant,

For Sanitary Commissioner.

ajl

W4644 1v 25 07

190

From

To

D7349

Dated .

Despatched

Received

General No.

No.

Enclosure No.

Requesting to authorize the Comptroller, to admit the items of charges including Rs 62-4-0 for advertising in the Newspapers re the School for training Sanitary Inspectors etc.

No 3898

7525

Sanitary Commissioner's office,

Bangalore, dated 7 April 1908.

From.

Major W.E.Drake-Brockman, I.M.S.,
Sanitary Commissioner to Mysore Govt.,
Bangalore.

To.

S.C.Balasundram Iyer Esq, B.A.,
Secy to Mysore Govt, G & R Depts.,
Bangalore.

Sir,

With reference to your D.O. dated 7/4 March 1908, I have the honor to state that in response to the advertisements published in the papers, 443 applications for admission into Vaccinators' classes and 198 for Sanitary Inspectors classes have been received up to date. As the applicants are willing to pay the fees prescribed for the courses of instruction, the school will practically be self-supporting and may even be made profitable if Government wish it. I have no doubt that the number of candidates seeking admission every session will be always high, especially if the school be affiliated with the Royal Sanitary Institute, London. To allow of the school being started from the 1st July next, the school building and the Laboratories will have to be completed by that time and tenders for supply of furnitur Laboratory fittings, apparatus &c have to be called for at once and orders given with least possible delay. I request therefore that sanction may kindly be accorded at once, not only for the formation of the school but also for the construction of a separate building therefor as proposed in my letter No. 2755 dated 4.2.08 and the fitting up of the school laboratories in the building meant for animals,

From

To

Dated

Despatched

Received

General No.
No.

Enclosure No.

22

attached to the Bacteriological Institute as ordered in Govt. Order No. 9678-9 dated 26th March 1908.
Sanyi 151-07-2

File put up for 1901 + subsidiary on 8/4.

I have the honor to be,

Sir,

Your most obedient servant,

H. E. Drake Brockman

~~For~~ Sanitary Commissioner.

D 7525

Soliciting Sanction
Re the formation of
the School for Sanitary
Inspectors etc, and for
the construction of
a separate building
therefor

File No. 153

Serial No. 6

Diary No. of letter replied to 3849

Proceedings of the Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE SECRETARIAT.

( )

, the 190

Date of issue 23-4-08

Signed by MSR

READ—

Letter No. 3852 dy 4th April 08 from the Sanr Commr in Mysore forwarding for sanction a bill for Rs 62/4 from the manager of the Hindu Madras on account of publishing the notice relating to the Sanitary School and requesting that the Comptroller may be authorized to admit similar charges that may be claimed by the municipality noted papers.

ORDER THEREON—No.

ily Post
Mysore Standard
Mysore Herald
Madras Mail
Madras Standard

Order over

SUBJECT

Order thereon 10692-3
Serial 15

The bill for Rs 62/4 is sanctioned forwarded to the Comptroller for audit. The charge will, as proposed, be met from the provision in the current year's Public Health Budget under the head "Purchase of Books & Journals"

HB 16/4/08.
Forbes
5.J 13/4/08

HPM 16/4/08

The Sanitary Commissioner
to Comptroller (with sanctioned bill)

Audited. 20/4/08
DRV 22/4

This is another copy. a copy like this was issued to the Dasappa.

25

ff 7

O.O. 1574
dt 179-07-25
9 2.4.09

General and Revenue Secretariat.

Dated Bangalore, the 2nd April 1909

Dear Sir,

Referring to the letters noted overleaf, addressed to Government by Major H.E.Drake Brockman, Offg. Sanitary -- Commissioner in Mysore and to your unofficial notes of the 3r December 1908, (copy enclosed) on this office Sanitary File No. 179-07, I am directed to state that the proposals contained in your unofficial note cannot be dealt with in connection with the present reference. They should form the subject of a separate communication and I am to request you to be so good as to submit formal proposals in detail for the consideration and orders of Government.

I remain,

Yours Sincerely,

K. Ruslar Rao.

To

Lieutenant Colonel J.Smyth,
Sanitary Commissioner in Mysore.

K

P. J. O.